



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Saturday, August 01, 2015

Issued: 0800 CT

Day 1 Hazards: Heavy Rain/Flash Flooding for NW NM and OK/TX Panhandles.

National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



Prepared by: Brian Hoeth
817-978-1100 x 147

Key Points



Today

- Isolated areas of heavy rain/flash flooding across NW NM and the OK/TX Panhandles ... Flash Flood Watches are in effect for these areas
- Heat index temperatures lower for most areas so no heat advisories are in effect

Sunday - Monday

- Periods of showers and thunderstorms will continue to be possible across western and northern NM and the OK/TX Panhandles which may lead to isolated areas of heavy rain/flash flooding

Tuesday - Wednesday

- Heat index temperatures begin to rise again by Tuesday for much of the Eastern half of the Region

Tropical Outlook

- A broad area of low pressure is south-southeast of the Cape Verde Islands. Environmental conditions are not favorable for development of this system.

*FEMA Region 6 Threat Matrix

Aug 1, 2015 - Aug 5, 2015

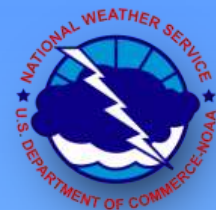
DAY/ THREAT	SAT	SUN	MON	TUE	WED
Severe Weather					
Heavy Rain /Flash Flooding	W& N NM OK/TX Panhandle	→			
Heat				Eastern half of Region	Eastern half of Region
Tropical					

	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

We continue to welcome feedback on our new color scale (details in the next slide). Please send comments to sr-srh.roc@noaa.gov.



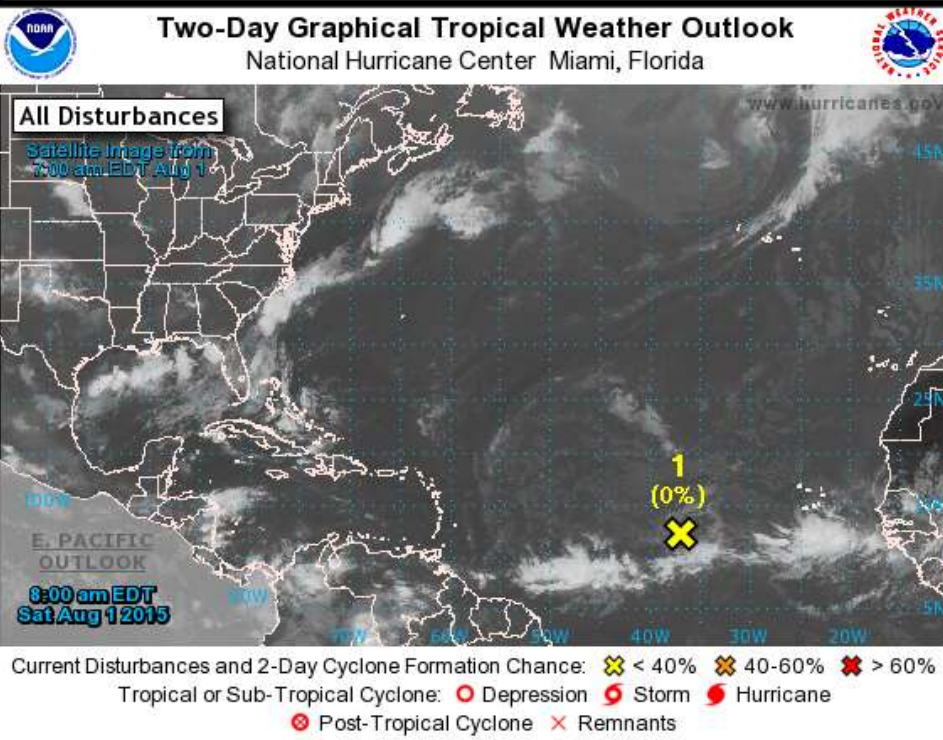
We are experimenting with a new color scale in these briefings, starting on April 13th. The criteria is below, please provide your feedback to sr-srh.roc@noaa.gov and we plan to re-evaluate in the coming months.



Weather "Threat" Matrix

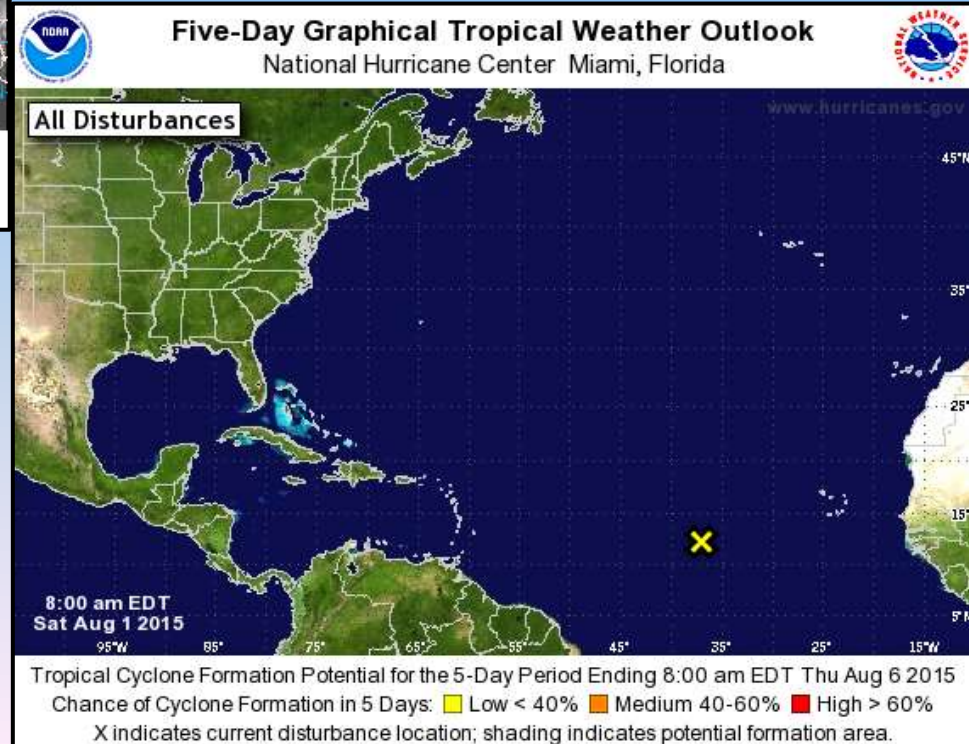
Color	Definition	Criteria	Example(s)
Green	Very Common – Happens Often Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Minor Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Large Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Major Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically results in Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Atlantic/Gulf Tropical Weather Outlook



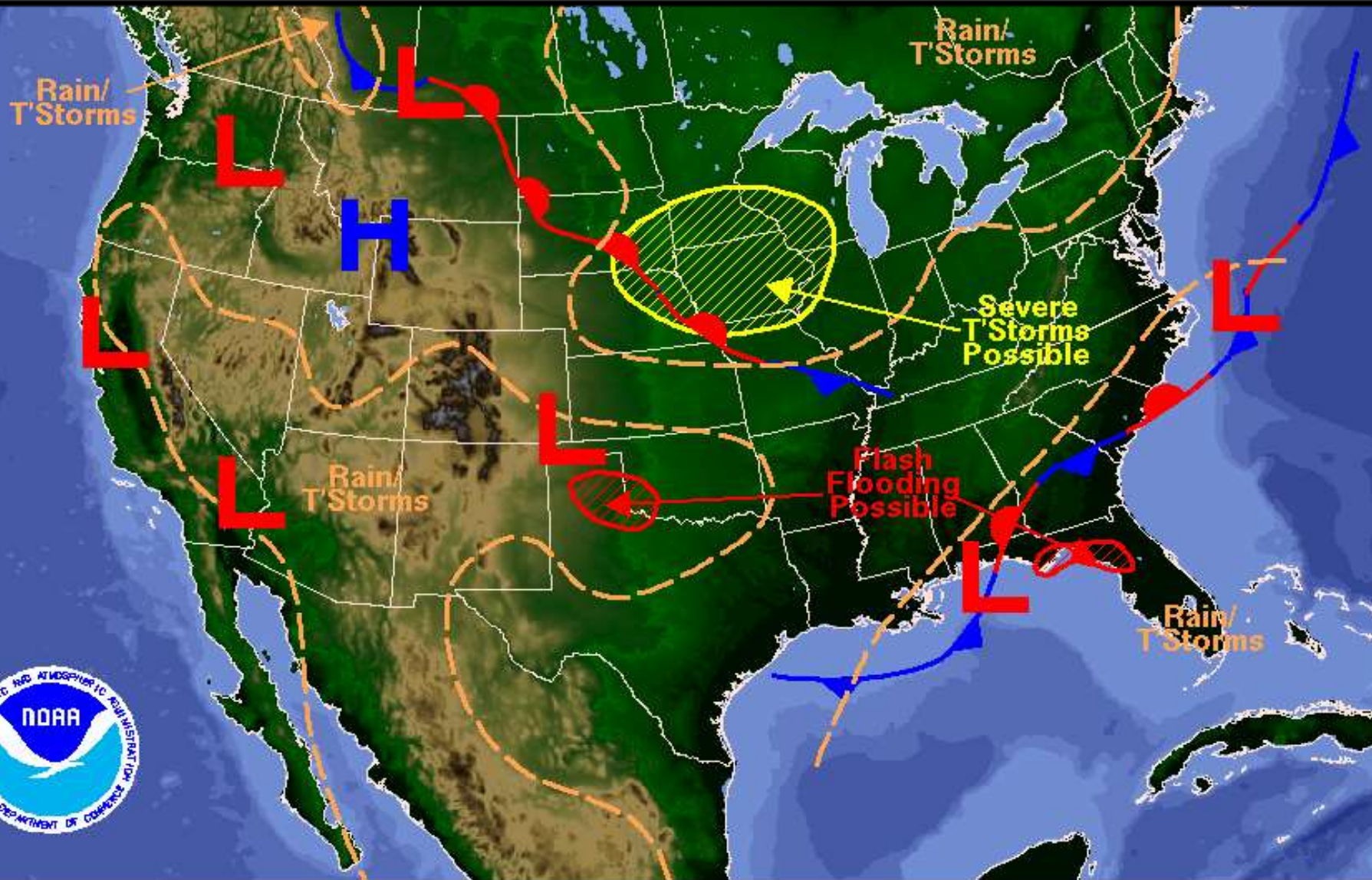
1. Showers and thunderstorms near a weak area of low pressure located well to the west-southwest of the Cape Verde Islands have been diminishing. Environmental conditions are not favorable, and development of this system is not expected while it moves westward at about 10 mph.

- Formation chance through 48 hours...low...near 0 percent
- Formation chance through 5 days...low...near 0 percent



Tropical cyclone formation is not expected the next 5 days

Today's Weather



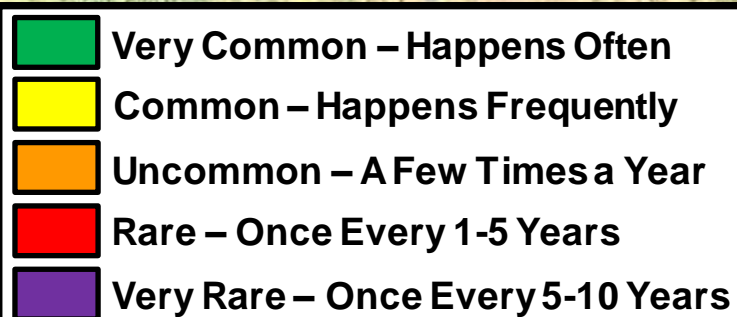
Weather Forecast for Sat, Aug 01, 2015, issued 4:19 AM EDT
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Krekeler based on WPC, SPC and NHC forecasts

Day 1 Weather Hazards

Valid: 0800 Sat - 0800 Sun



Isolated Areas of Heavy Rain & Flash Flooding



***Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.**



Saturday, August 01, 2015

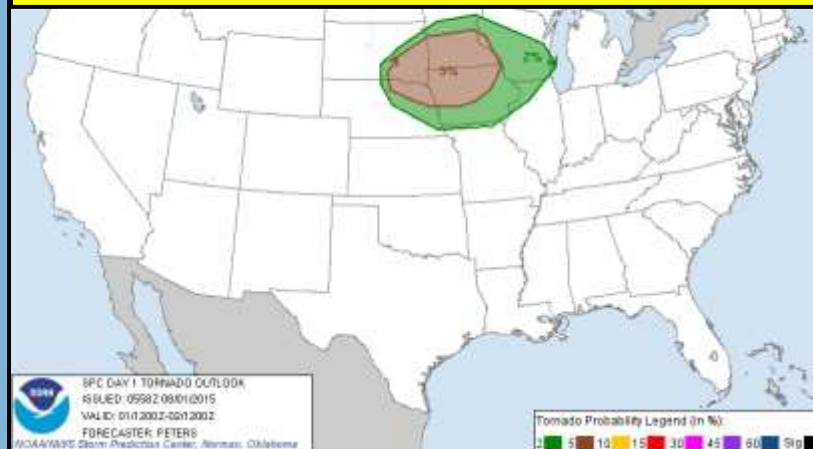
Severe Thunderstorm Potential



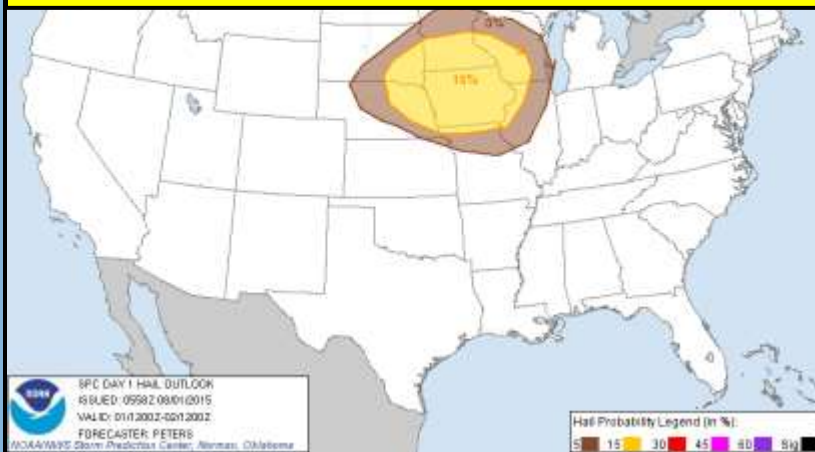
Overall Threat Potential



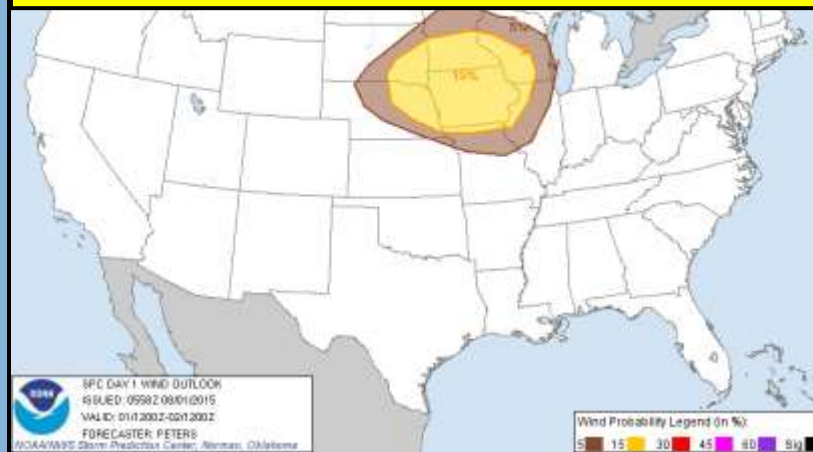
Probability of Tornado within 25 miles of a point



Probability of Damaging Hail within 25 miles of a point

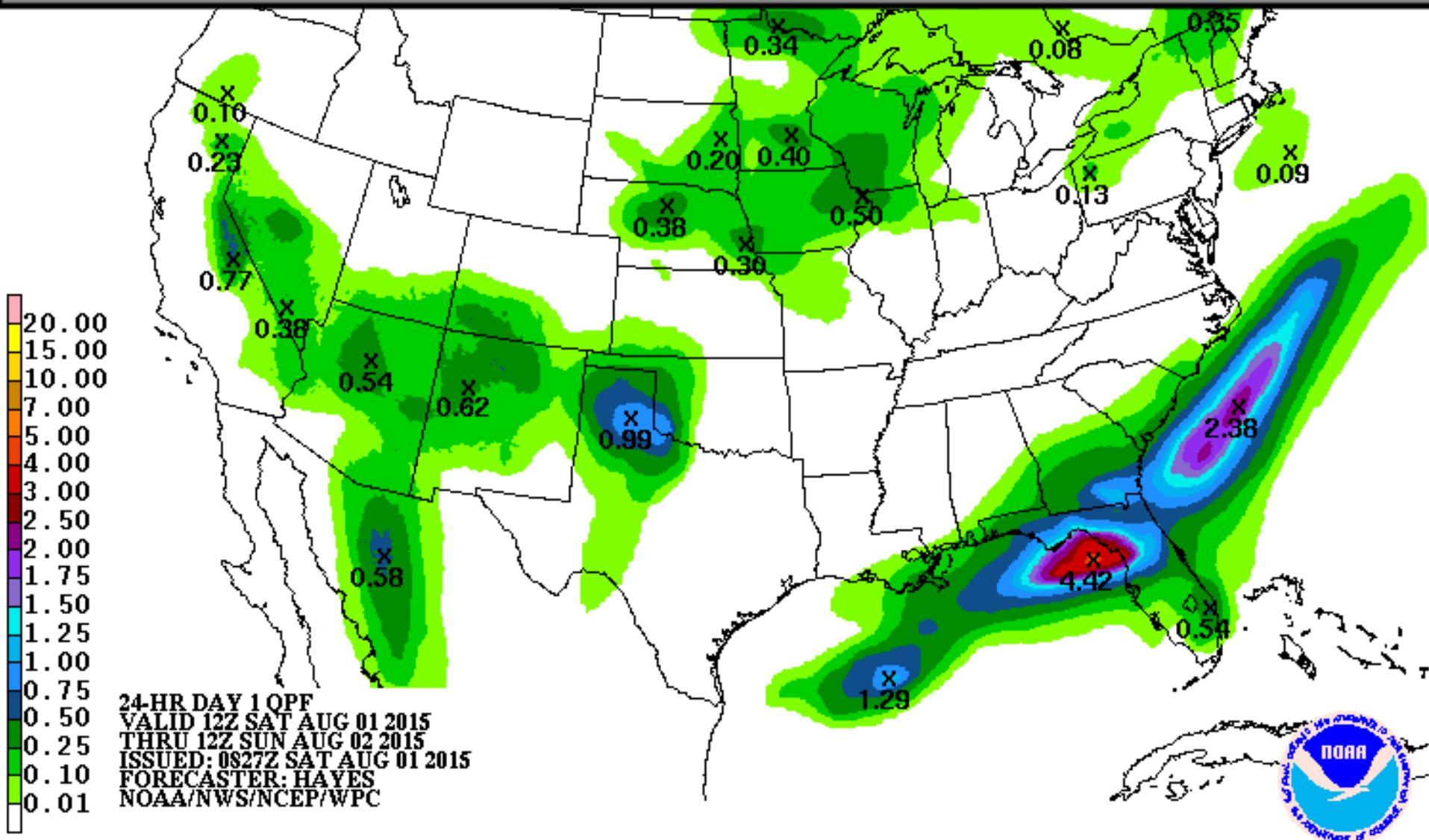


Probability of Damaging Winds within 25 miles of a point

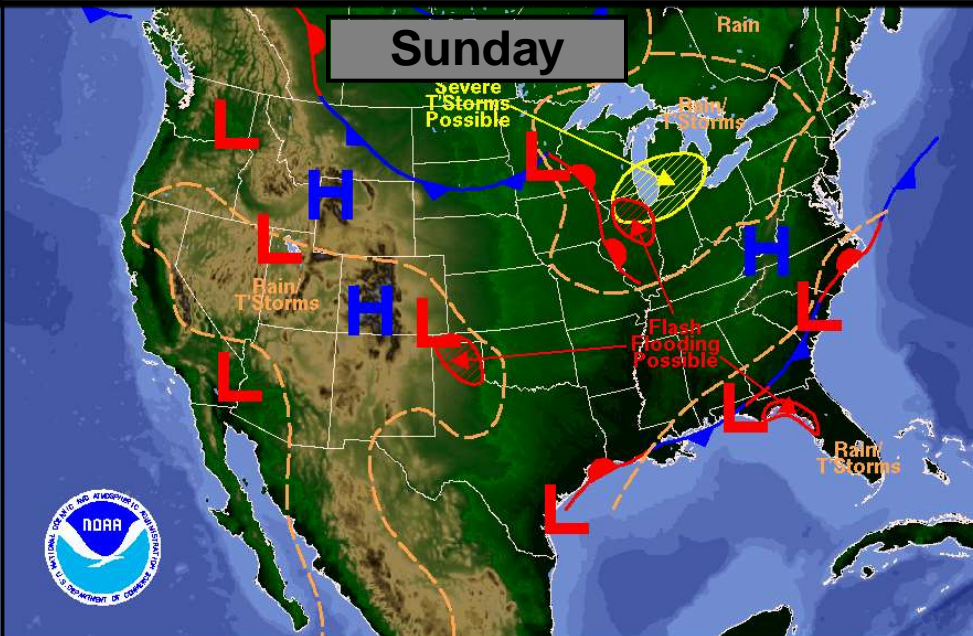


Today's Precipitation

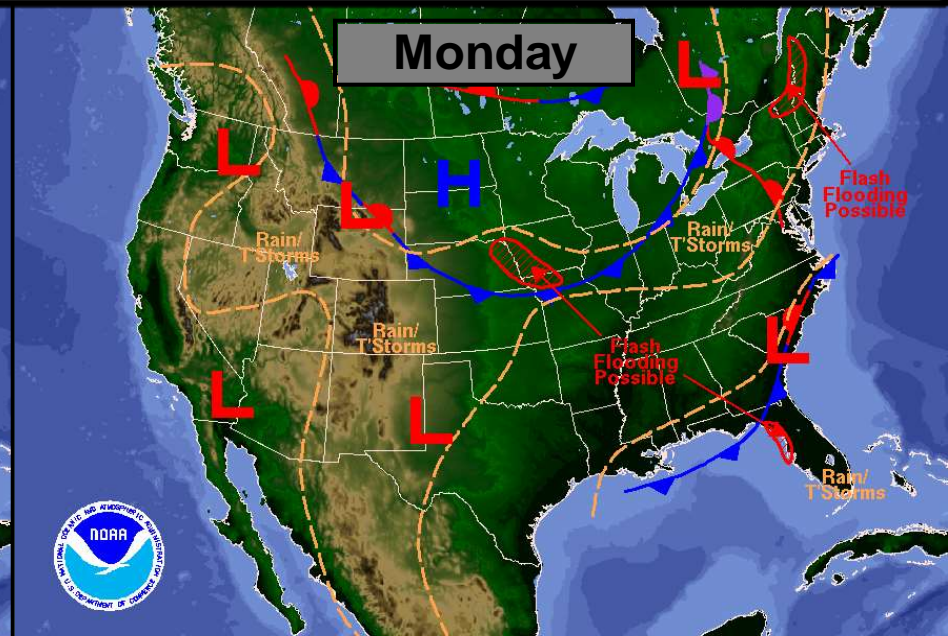
Sat AM - Sun AM



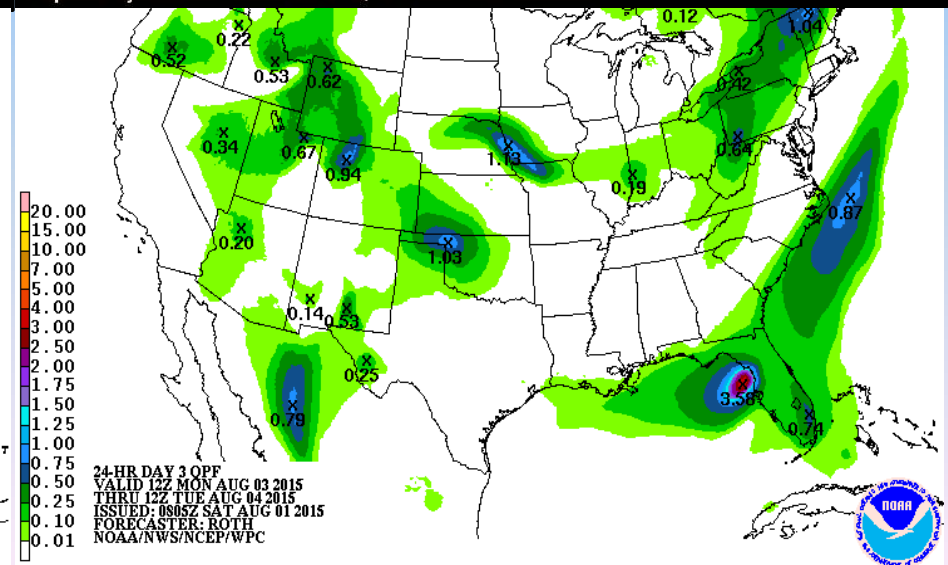
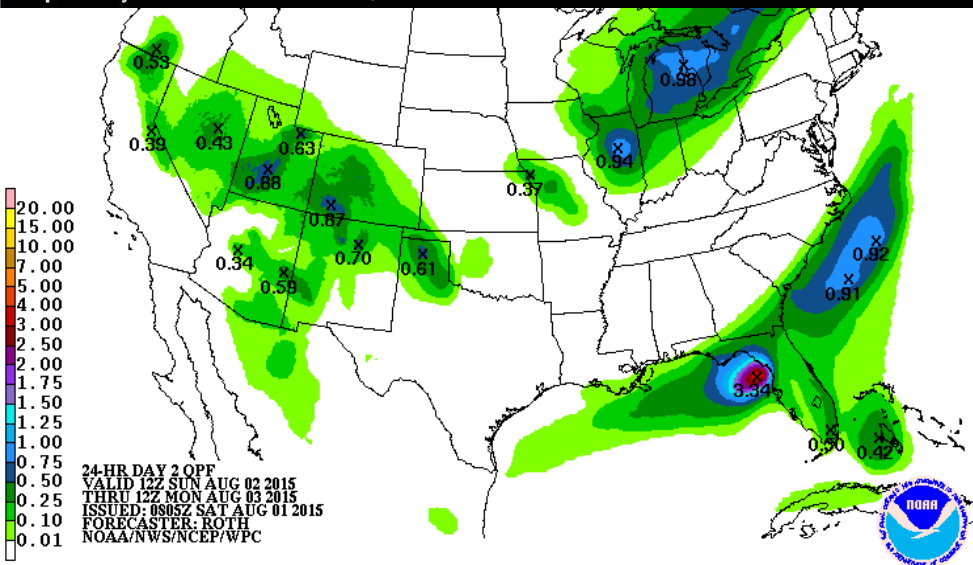
Day 2-3 Weather Maps/Precipitation



Weather Forecast for Sun, Aug 02, 2015, issued 4:24 AM EDT Sat, Aug 01, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Krekeler based on WPC, SPC and NHC forecasts



Weather Forecast for Mon, Aug 03, 2015, issued 4:30 AM EDT Sat, Aug 01, 2015
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by Krekeler based on WPC, SPC and NHC forecasts

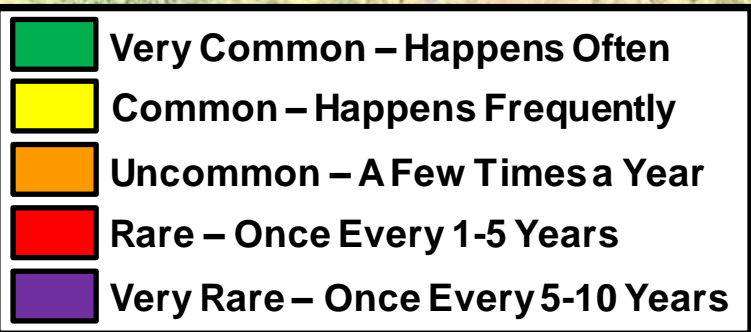


Day 2-3 Weather Hazards

Valid: 0800 Sun - 0800 Tue



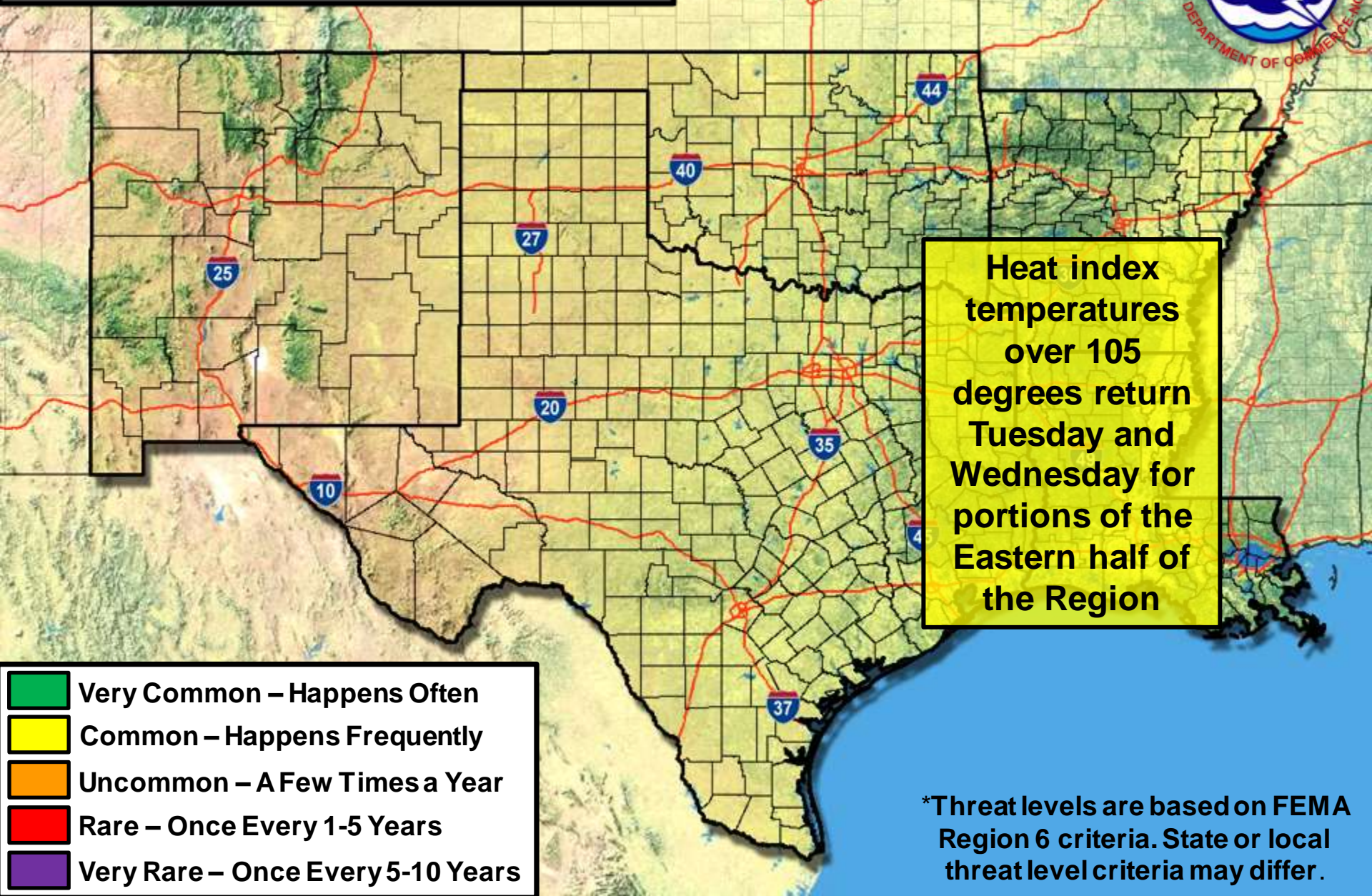
Isolated Areas of Heavy Rain & Flash Flooding








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Day 4-5 Weather Hazards

Valid: 0800 Tue - 0800 Thu

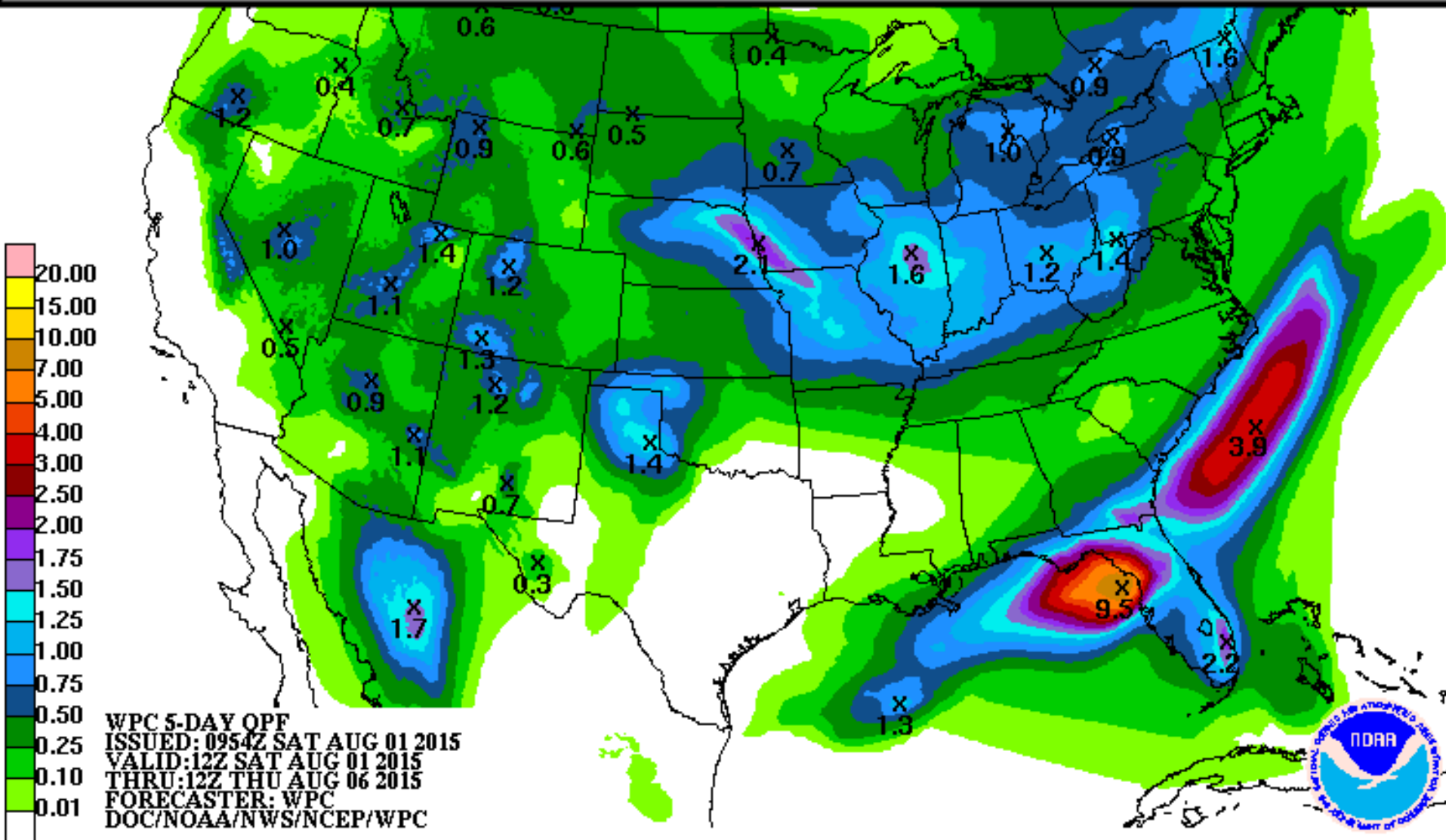


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5-Day Precipitation

Sat AM - Thu AM

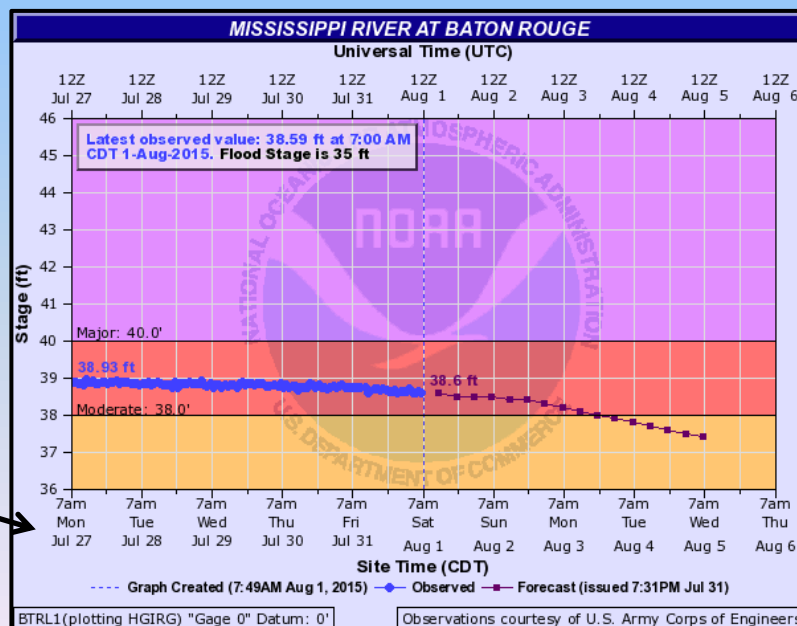
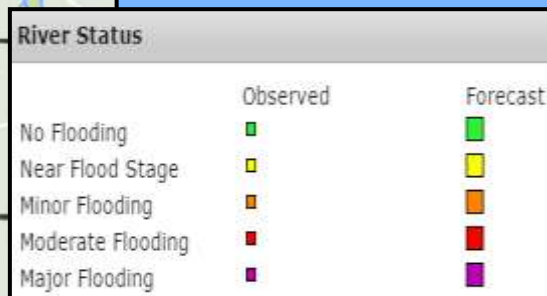


Mississippi River Flood Status

The Lower MS River is generally expected to remain in Minor Flood Stage, with a few points in Moderate Flood Stage.

Possible impacts in/around Baton Rouge:

River traffic and industrial activity on the river side of the levees will be affected. Navigational safety regulations will be strictly enforced.

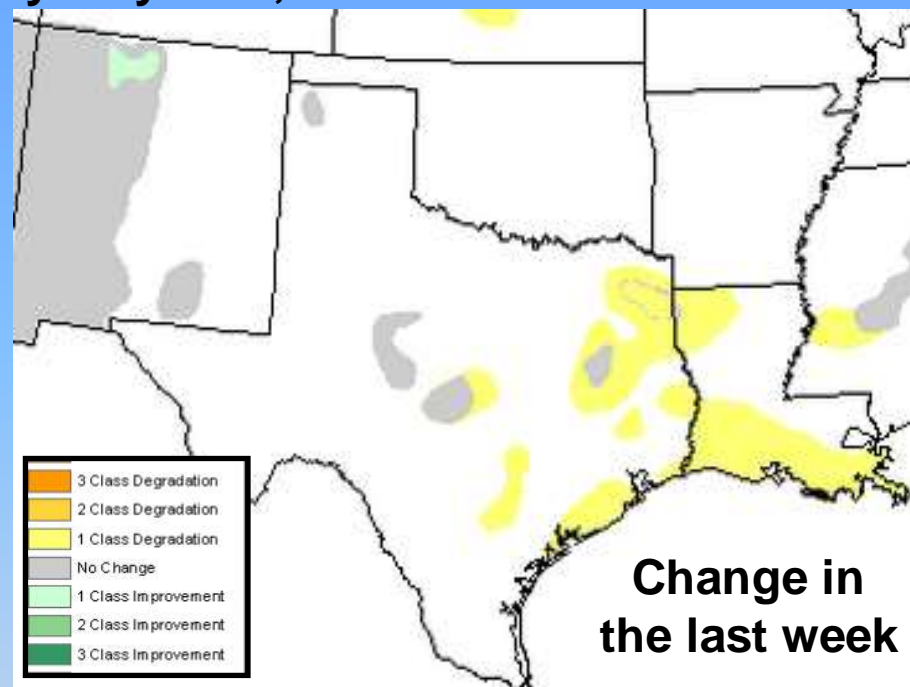
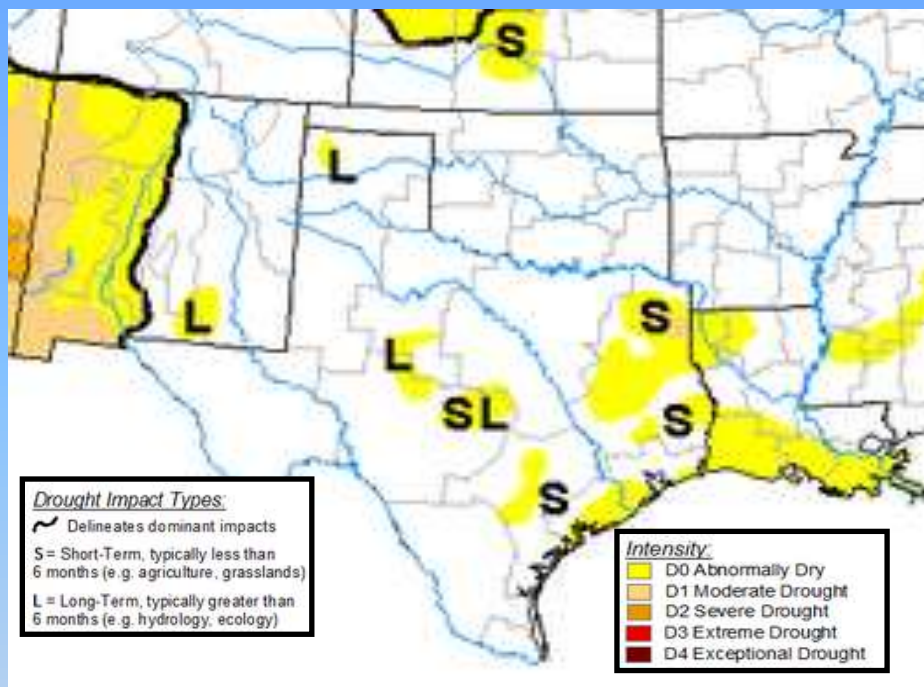


For latest river stages/forecasts, go to <http://www.srh.noaa.gov/rfcexp/main.php?fs=1>



Drought Monitor Released July 30th, 2015

Data valid as of Thursday July 30th, 2015



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	24.34%	23.36%
Texas	0.00%	0.00%	5.57%	14.29%
New Mexico	0.00%	0.00%	0.00%	18.26%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

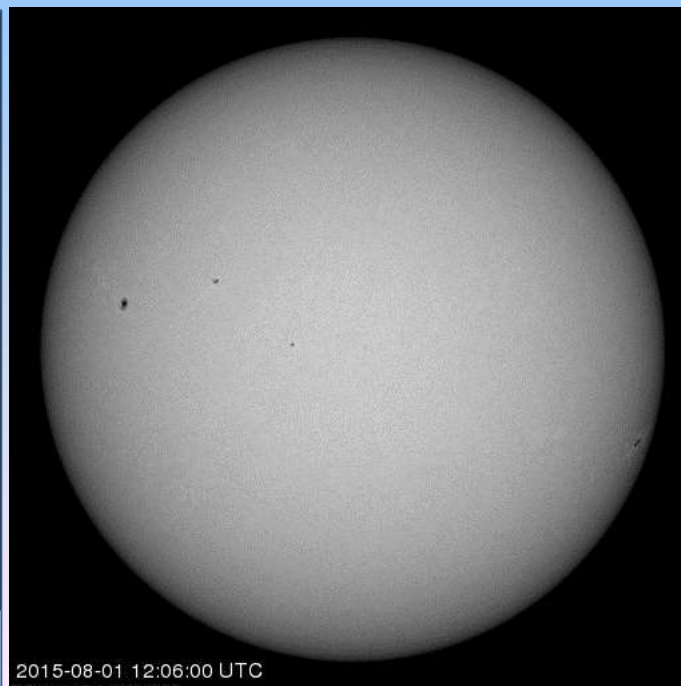
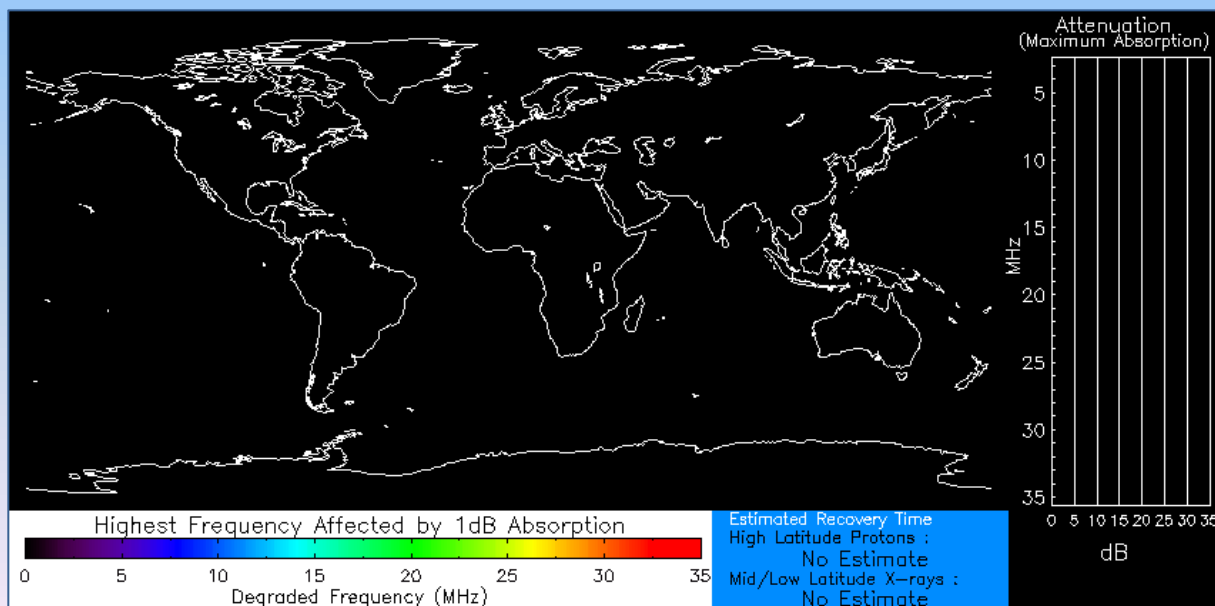
Space Weather 3-Day Forecast



	Saturday	Sunday	Monday
Geomagnetic Storms	Minor (G1) Storm (Max Kp = 5)	Active to Unsettled (Max Kp = 4)	Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	5%	5%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

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